



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

73479-23

Date of Issuance:

5/28/2020

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CheckMate Puffer NOW-O

Name and Address of Registrant (include ZIP Code):

Suterra LLC  
 20950 NE Talus Place  
 Bend, Oregon, 97701

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

5/28/2020

3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 73479-23.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 1/16/2020
- Alternate CSF #1 dated 1/16/2020

If you have any questions, please contact James Parker by phone at (703) 306-0469 or via email at [parker.james@epa.gov](mailto:parker.james@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

Note to reviewer: This is a master label. If a Puffer Cabinet is used that sprays outside of the 5 pm to 5 am the Worker Protection Language specified will be used

## CheckMate® Puffer® NOW-O

**For the Control of the Navel Orangeworm in Almond, Fig, Walnut and Pistachio Orchards and Any Other Crops Where the Navel Orangeworm is a Pest**

**CheckMate Puffer NOW-O** contains a behavior modifying biochemical (pheromone) that disrupts the mating behavior of navel orangeworm, *Amyelois transitella*. Use in almond, fig, walnut, pistachio and other crops where the navel orangeworm is a pest.

CheckMate **Puffer NOW-O** is used with the **CheckMate Puffer Aerosol Cabinet**, an automatic dispenser that delivers the pheromone to disrupt the mating behavior of navel orangeworm males.

**ACTIVE INGREDIENT\*:**

11,13-Hexadecadienal, (Z,Z). .....0.98%  
Other Ingredients .....99.02%  
Total. ....100.00%

\*Contains 3.74 g a.i. per canister;

**NET CONTENTS:** 384 g

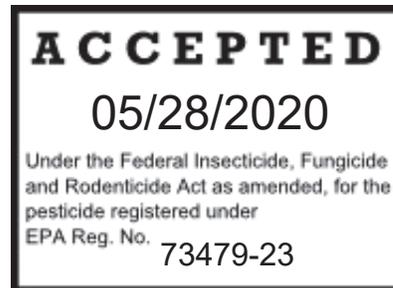
### KEEP OUT OF REACH OF CHILDREN CAUTION

See [side] [back] [right][left] panel for First Aid and Precautionary Statements.

**MANUFACTURED BY:**

Suterra LLC  
20950 NE Talus Place  
Bend, Oregon, USA 97701  
1-866-326-6737  
Fax (541) 388-3705

**EPA Registration No. 73479-XX**  
**EPA Establishment No. 56336-OR-1**



**BATCH CODE:** See bottom of can.

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## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye and skin irritation. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

*[Note to reviewer: the following 2 paragraphs for Personal Protective Equipment and User Safety recommendations will be used if a Puffer cabinet which sprays outside the 5 pm to 5 am hours is utilized:]*  
Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **FIRST AID STATEMENTS**

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF IN EYES:** Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

### **HOT LINE NUMBER**

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. For emergency information on product, uses, and treatment, etc., call the National Pesticides Information Center at 1-800-858-7378, 6:30 am-4:30 pm Pacific Time (PT). 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

## **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark.

## **PHYSICAL OR CHEMICAL HAZARDS**

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

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#### **DIRECTIONS FOR USE**

#### **IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING**

Do not apply more than 150 grams of active ingredient per acre per year.

*[Note to reviewer: the following paragraph for Agricultural Requirements will be used if a Puffer cabinet which sprays outside the 5 pm to 5 am hours is utilized:]*

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during application of this product. A restricted entry interval of 0 hours has been established

#### **METHOD OF APPLICATION**

For use on almond, fig, walnut, pistachio and other crops where the navel orangeworm is a pest. The application of **CheckMate Puffer NOW-O** (herein referred to as "Puffer") should be initiated six months before the expected harvest date and should continue until harvest is over. Use a **CheckMate Puffer Aerosol Cabinet** to automatically dispense the contents of the Puffer canister.

*[Note to reviewer: the following sentence will be used if a Puffer cabinet which sprays during the specified time is utilized:]*

The Cabinet is programmed to emit from 5pm to 5am.

Placing cabinets in orchards and replacing canisters are to be done when cabinets are inactive, typically during daylight hours. To avoid accidental spraying, ensure that canister nozzles are pointed away during the performance of these tasks.

#### **PRODUCT PLACEMENT**

Suspend an activated **Puffer Aerosol Cabinet** containing a full Puffer canister from a robust limb at a height of at least half of the tree canopy height, or higher. Account for anticipated in-season growth of the canopy. The Puffers can also be placed on posts or poles at the correct canopy height. Place Puffers where spray is directed away from foliage, fruits or nuts.

For best results, use in large contiguous plots. Distribute the Puffers throughout the orchard starting from the edges to achieve a rate of 1 to 2 Puffers per acre. In situations with a prevailing evening wind direction reinforce the upwind edge of the orchard. Always consult your Suterra Technical Sales Representative.

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#### **APPLICATION NOTES**

This product is a mating disruption product that interferes with the ability of navel orangeworm males to find females with which to mate. It does not directly affect eggs, larvae or mated females. If the presence of mated females prior to application is suspected, the field should be treated adequately with insecticides that will effectively control larvae and eggs from those mated female moths. Immigration of female moths from adjacent external sources of infestation is not affected by the product and may reduce the level of control. Always monitor insect infestation with traps and by visual inspection of plants, especially on the borders of the orchard. Complement the mating disruption with effective insecticides whenever it is necessary, both in the disrupted orchard and in adjacent external sources of navel orangeworm.

Area-wide application of mating disruption is most effective. Supplementary effective insecticide applications are advised in orchards with high navel orangeworm populations, or in orchards small in size, or of irregular shape.

The use of **CheckMate Puffer NOW-O** should always take place in the context of an Integrated Pest Management strategy. The use of other pest control measures may be necessary and should be based on proper pest monitoring and field scouting.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store container in cool, dry area away from heat or open flame.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.

**CONTAINER HANDLING:** Do not puncture or incinerate. Nonrefillable container. Do not reuse or refill this container. If can is empty: Remove from cabinet, place in trash or offer for recycling. If partly filled: Call your local solid waste agency for disposal instructions.



#### **WARRANTY**

To the extent consistent with applicable law, **Suterra® LLC** warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose stated in the Directions for Use. To the extent consistent with applicable law, **Suterra LLC** neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, **Suterra LLC's** maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage, and use of this material contrary to label instructions.

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List of Alternate Brand names:

Puffer NOW Planet  
Puffer NOW Earth  
Puffer NOW Steward  
Eco-Puffer NOW  
Puffer NOW Green  
Puffer NOW-O  
CheckMate Puffer NOW Planet  
CheckMate Puffer NOW Earth  
CheckMate Puffer NOW Steward  
CheckMate Eco-Puffer NOW  
CheckMate Puffer NOW Green